

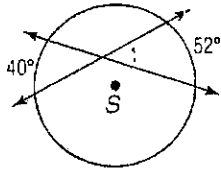
10-6 Study Guide and Intervention *(continued)*

Secants, Tangents, and Angle Measures

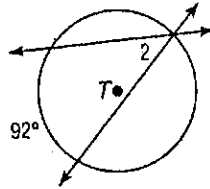
Examples

Find each measure.

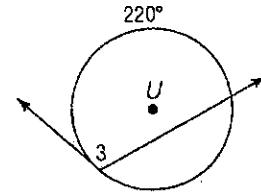
1. $m\angle 1$



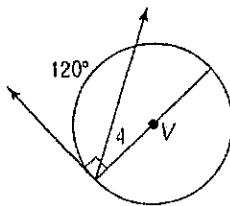
2. $m\angle 2$



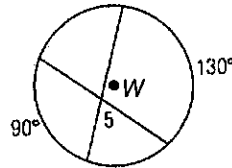
3. $m\angle 3$



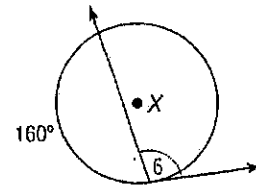
4. $m\angle 4$



5. $m\angle 5$



6. $m\angle 6$



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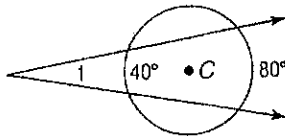
571

Glencoe Geometry

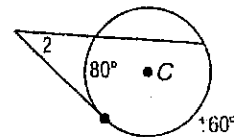
Exercises

Find each measure.

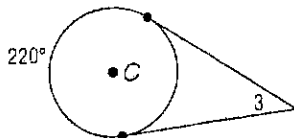
1. $m\angle 1$



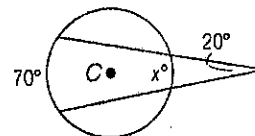
2. $m\angle 2$



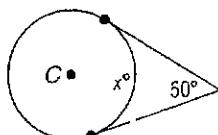
3. $m\angle 3$



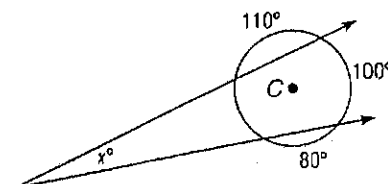
4. x



5. x



6. x



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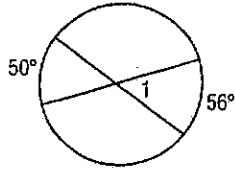
Glencoe Geometry

10-6 Skills Practice

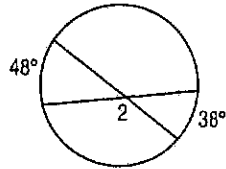
Secants, Tangents, and Angle Measures

Find each measure.

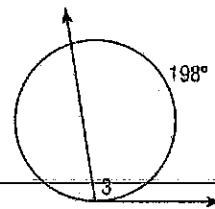
1. $m\angle 1$



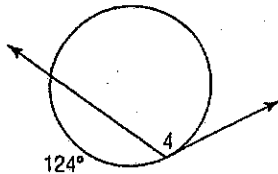
2. $m\angle 2$



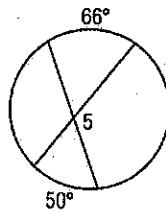
3. $m\angle 3$



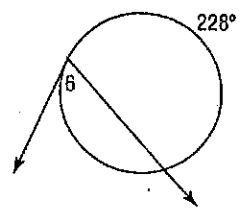
4. $m\angle 4$



5. $m\angle 5$

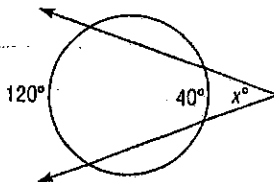


6. $m\angle 6$

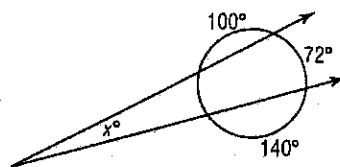


Find x . Assume that any segment that appears to be tangent is tangent.

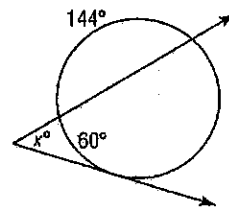
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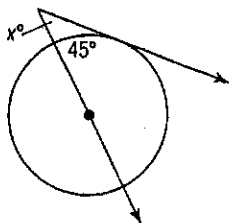
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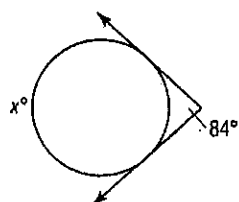
9.



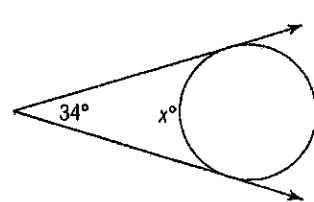
10.



11.

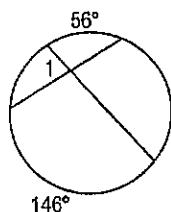
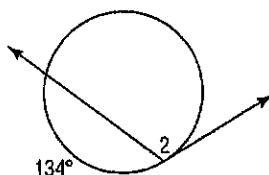
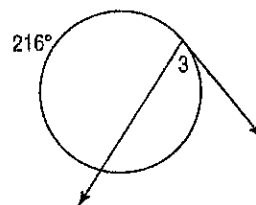


12.

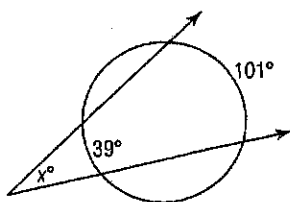


10-6 Practice***Secants, Tangents, and Angle Measures***

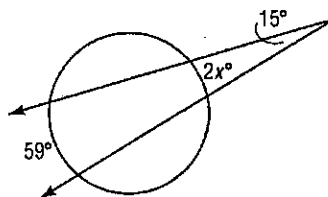
Find each measure.

1. $m\angle 1$ 2. $m\angle 2$ 3. $m\angle 3$ Find x . Assume that any segment that appears to be tangent is tangent.

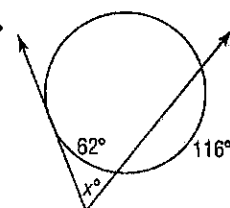
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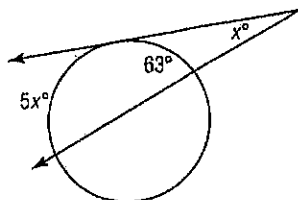
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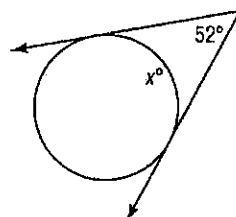
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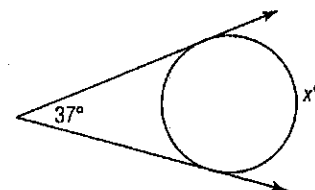
10.



11.



12.



- 9. RECREATION** In a game of kickball, Rickie has to kick the ball through a semicircular goal to score. If $m\widehat{XZ} = 58$ and the $m\widehat{XY} = 122$, at what angle must Rickie kick the ball to score? Explain.

